

Project Mardi Gras

Provider Enrollment

Decision Support

Data Exchange

Dave Walsh, eServices Group - Moderator

Tim Dowd, Sun Microsystems – Data Exchange

Tim Skeen, Unisys Corporation – Provider Enrollment

David Wiggin, MEDSTAT – Decision Support

Our Goal

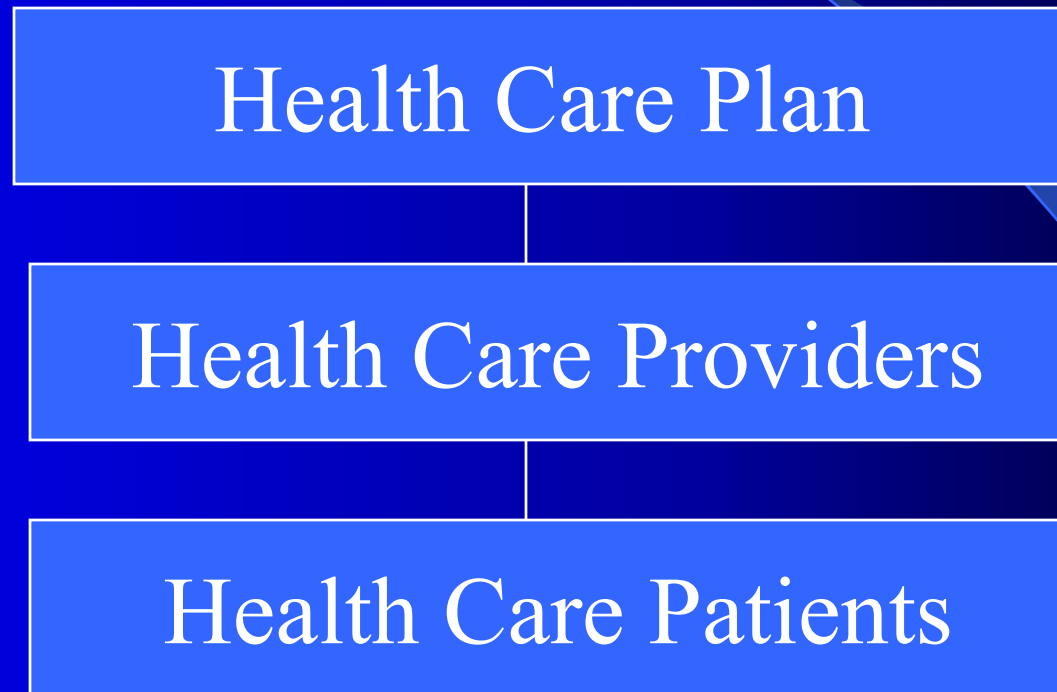
- Improve the health of our population by:
 - Building, retaining, and efficiently managing a quality provider network that is focused on delivering healthcare
 - Improving the delivery of information to management so better policy decisions can be made

Path

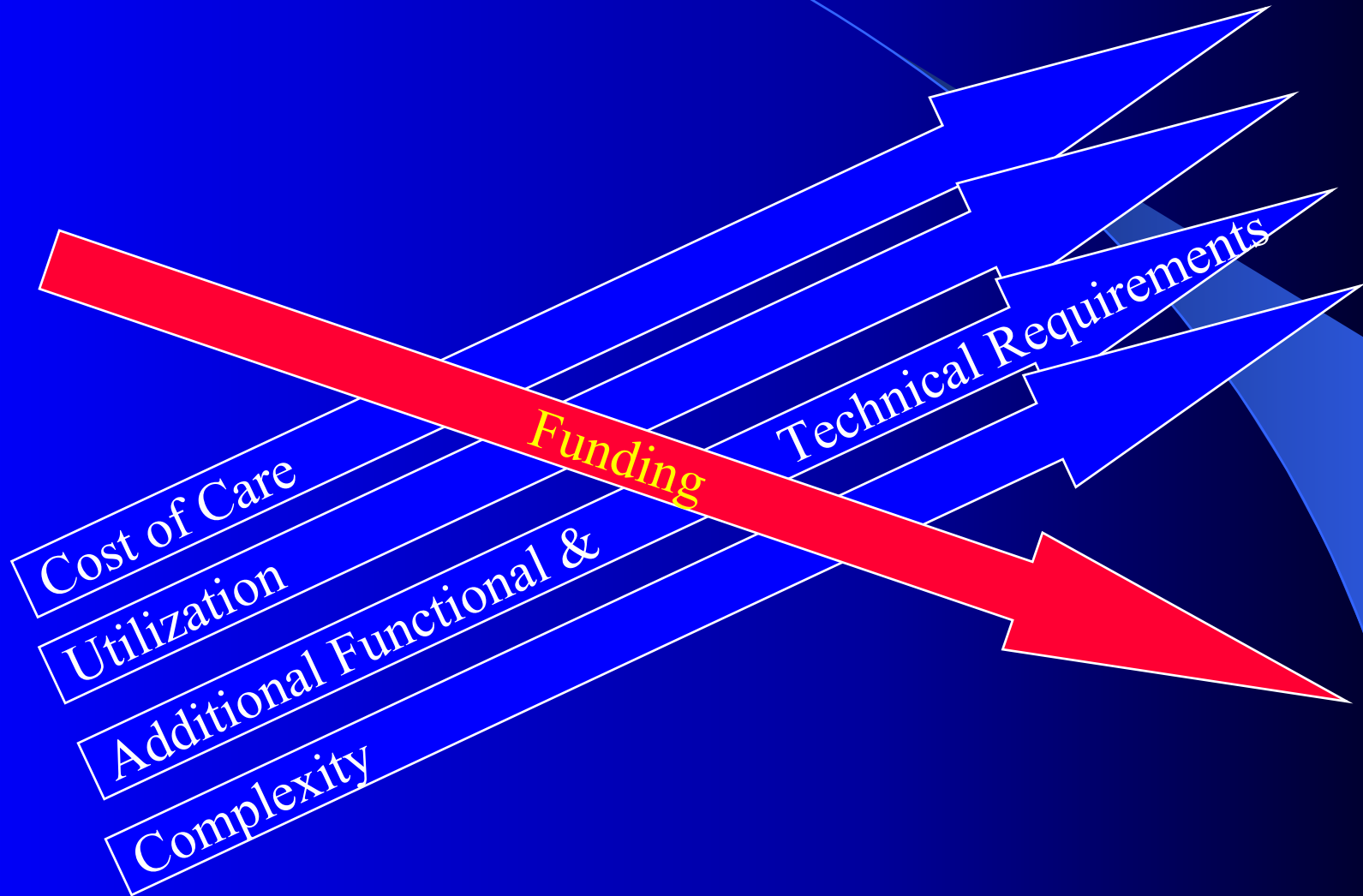
- Establish a standards-based system that enables secure access to data
- Build information services that support real-time healthcare administration
- Make the administrative procedures become a by-product of the clinical process

**Establishing and maintaining standards
enables us to fulfill this goal**

The Chain of Fulfillment



The Challenge



Meeting the Challenge —
with limited resources

Path: Reuse Technology
in the form of web
services

Emerging Infrastructure — web services

.NET

Microsoft and Partners

40% Market Share

J2EE

Sun Microsystems

IBM

BEA

Oracle

Others

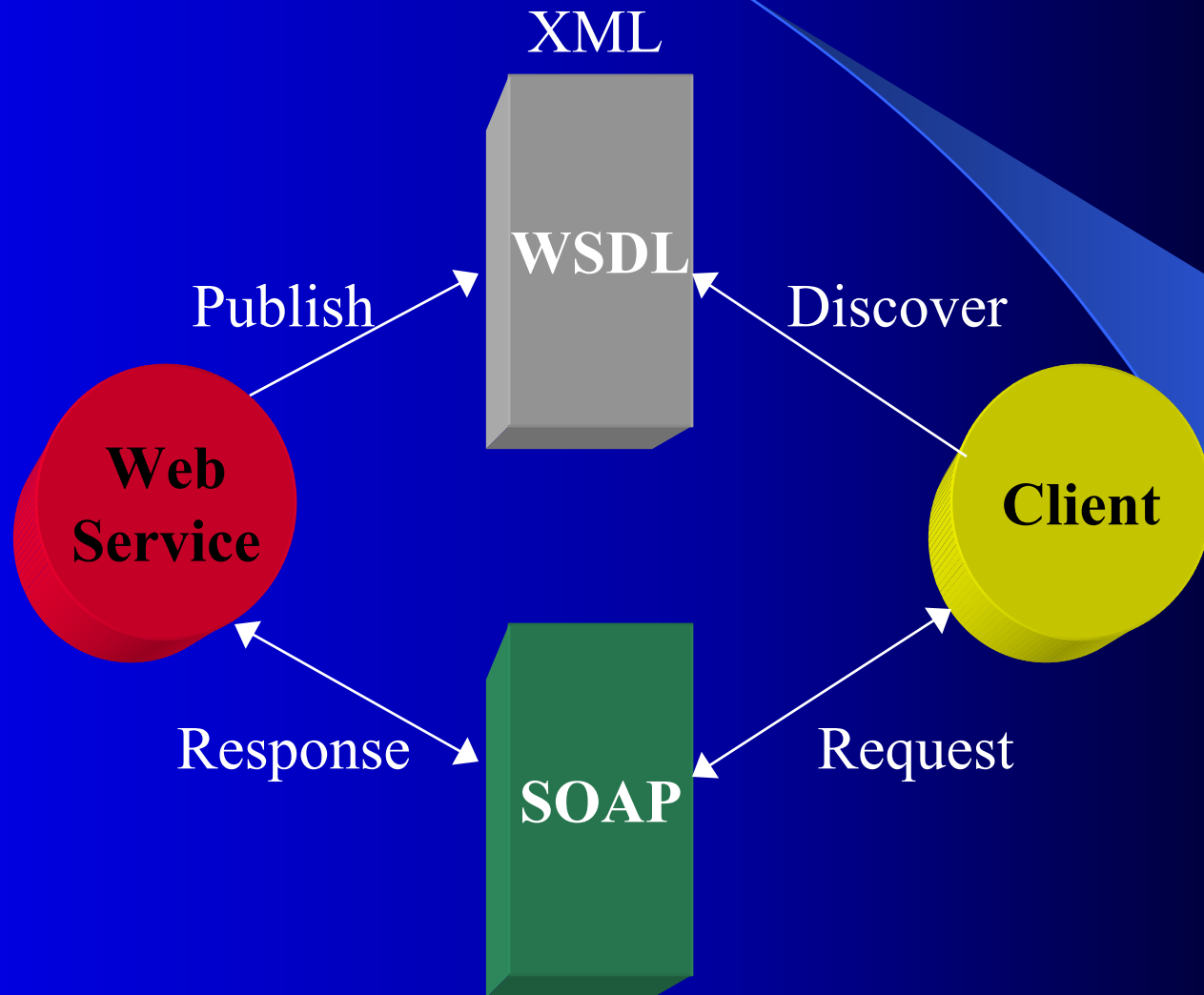
40% Market Share


Web Services — description

Web services encompass a set of related standards that can enable computer applications to communicate and exchange data via the Internet (or Intranet).

REGARDLESS OF PLATFORM OR
LOCATION

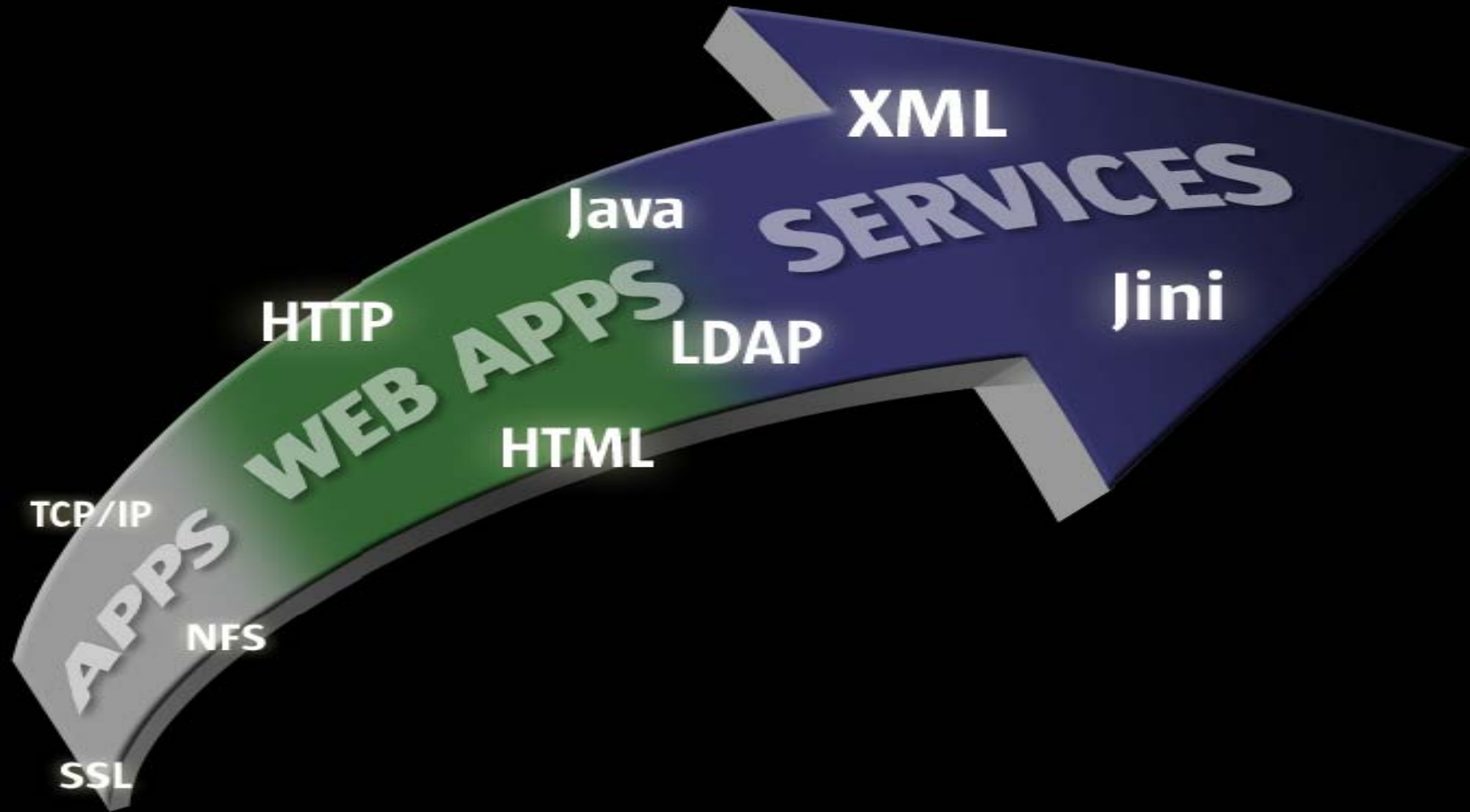
Web Services — seamless plug and play



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Tim Dowd
Sun Microsystems

Web Services – evolution not revolution



Web Services – platform is critical to success

- Analysts view the choice of Internet platform as biggest decision for IT in this decade
- Need a platform that is complete, scalable, mature, and, most important, open
- Need a platform that gives you flexibility to add new services, servers, and users quickly
- Need a platform that will let you move to web services but leverage current investments

Web Services — advantages

- Standards based to allow interoperability, integration, and communication between different platforms
- Promotes a modular approach to programming so that organizations can reuse the same web services/components to communicate with multiple organizations
- Employs an existing infrastructure (a network such as the web) to exchange information
- Can significantly reduce the cost of application integration and business-to-business communications thus offering tangible returns on investment

Web Services — advantages

- Can be implemented incrementally rather than all at once - protects investment in existing systems
- Leverages existing information assets - DART - *Data, Applications , Reports and Transactions*
- Available internally and externally subject to security - authentication and authorization
- Allows for focus on what the “Enterprise” really is in moving forward in the development of next generation MMIS systems

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Tim Skeen
Unisys Corporation

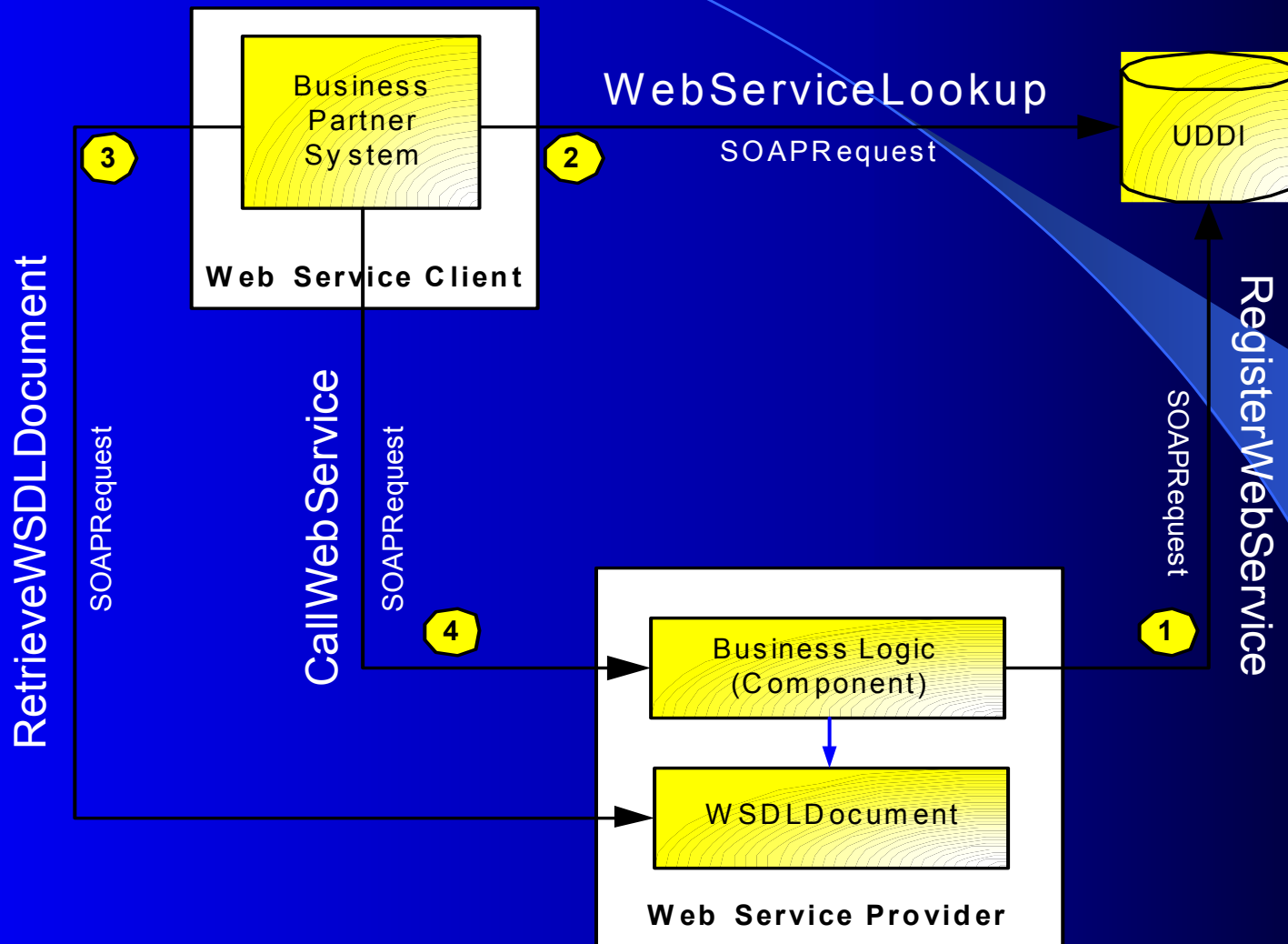
Web Services – publishing and using

Web services published on the Internet have associated WSDL documents which contain the definition of the web service. The WSDL document specifies the web service's capabilities, its location on the web, and instructions regarding how to access it.

Web Services — publishing and using (The Three Ingredients)

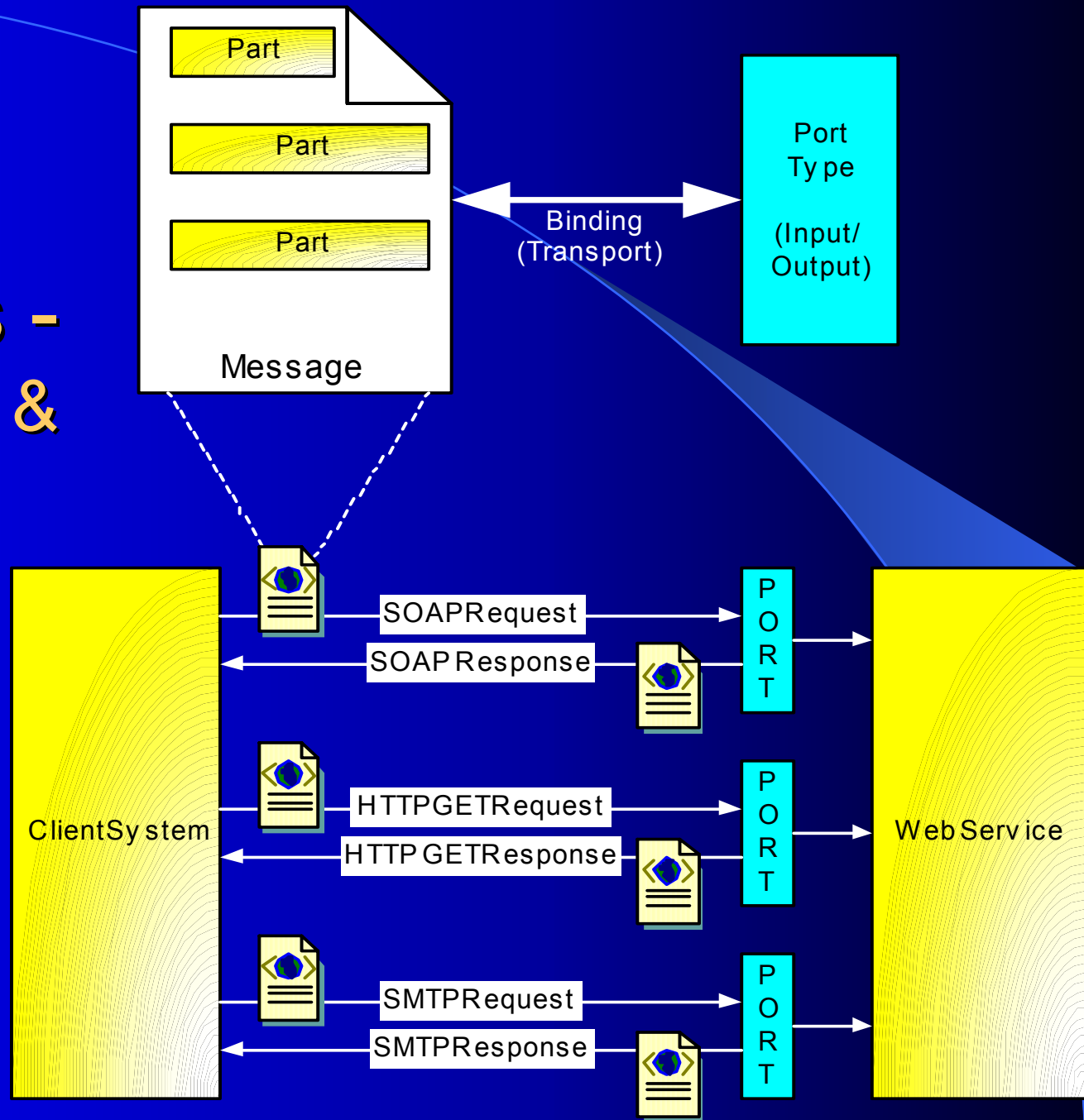
1. SOAP (*Simple Object Access Protocol*) is an XML-based standard for allowing an application to access and use the functions of another, across the Internet and while maintaining platform independence.
2. WSDL (*Web Services Description Language*) is an XML grammar used to describe and publish a web service's capabilities to the Internet (<http://www.w3.org/TR/wsdl/> / <http://schemas.xmlsoap.org/wsdl/>)
3. WSDL is used in conjunction with UDDI (*Universal Description, Discovery and Integration*), a virtual yellow pages that allows a business to list its own available web services and discover those of others.

Web Services - Publishing & Using



<http://www.webservices.net/uszip.aspx>

Web Services - Publishing & Using



Web Services – future roll in provider enrollment/maintenance

- Management of common data repository
 - Data Standards
 - Data synchronization
- Credentialing Services
 - Data Collection/Transmission
 - PSV (Primary Source Verification) Service
 - Final Decision Making
- Security Services and infrastructure
 - Identification Certification

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David Wiggin
MEDSTAT

Web Services — beyond a web browser

- Direct application-to-application
(no user interaction)
- Future devices (PDAs, TVs, etc.)
- Java/C# graphical user interfaces

Web Services – applicability to decision support

- Make better decisions with a WS-based application?
- Impact in development – faster, cheaper?
- Developments to watch closely
- Recommendations / next steps
- Opportunity to share your WS experience with DS applications



Dave Walsh
eServices Group

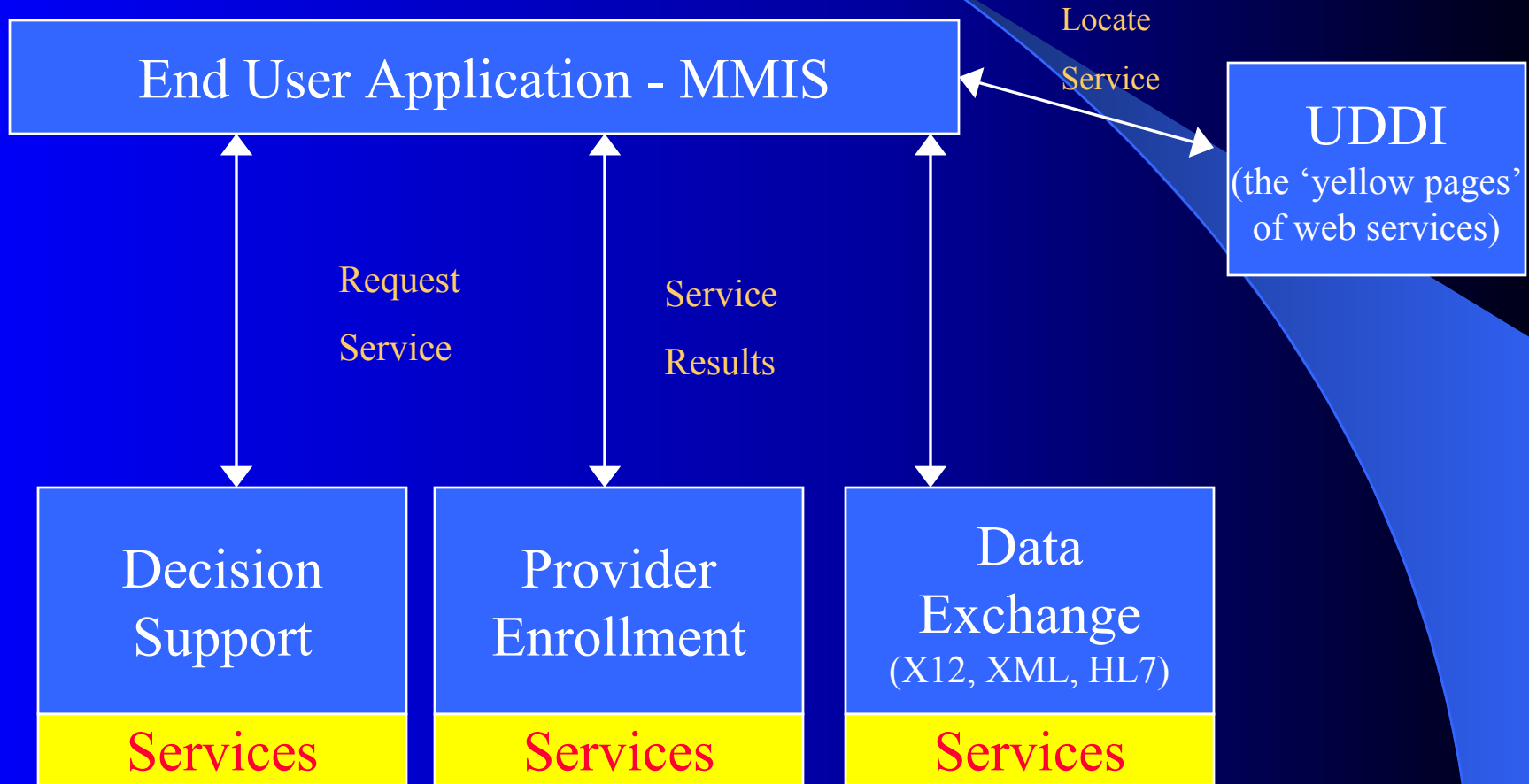
Web Services — reusing technology

What web services are needed by
Medicaid?

Some examples:

- Provider Enrollment
- Data Exchange
- Decision Support
- Eligibility Determination and Verification
- Reporting
- Prior Authorization
- Claim Status

Web Services – reusing technology



ETL (loading), Integration, Human Resources

Project Mardi Gras — ongoing mission within PS-TG

To serve as a focal point into MITA
and proof of concept / web presence

Other Mardi Gras Presentations:

- Tuesday 1pm Decision Support
- Tuesday 2pm Provider Enrollment
- Wednesday 3:30pm Data Exchange

Questions and Answers

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